Title (en)

Method and system for reclaiming aggregate from concrete waste material

Title (de)

Verfahren und System zum Wiederaufbereiten von Aggregat aus Betonabfallmaterial

Title (fr)

Procédé et système pour récupérer l'agrégat des déchets de béton

Publication

EP 0722778 B1 20000503 (EN)

Application

EP 96300192 A 19960110

Priority

- JP 1861595 A 19950110
- JP 35283395 A 19951228

Abstract (en)

[origin: EP0722778A1] A method and system for reclaiming aggregate from concrete waste material (B) includes crushing step and means (14,74) of compression-crushing lumps of concrete waste material into a crushed mixture, and sorting (22,82) the crushed mixture by size thereof, grinding step (24,26,84,86) and means of rotating the crushed mixture sorted to grind it with a grinding member (94) which rotates in an opposite direction to the rotating direction of the crushed mixture sorted, thereby peeling mortar from gravel, crushed stones and sand of the crushed mixture to obtain a mixture of gravel, crushed stones, sand, cement and mortar, and product separating step and means (46,110) of separating the mixture of gravel, crushed stones, sand, cement and mortar into gravel and crushed stones (J), sand (N), cement and mortar (M). <IMAGE>

IPC 1-7

B03B 9/06; E01C 19/05

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN109231865A; CN109530048A; SG93923A1; CN106824357A; CN112892780A; EP1526219A3; CN103949321A; CN104525360A; CN105921246A; CN108940540A; CN103586257A; CN105921245A; CN111848006A; CN102228866A; US10464073B2; WO2004098779A1; WO2015070535A1

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